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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Usuka *et al.*

Serial No.: 10/015,167

Filed: December 11, 2001

For: SYSTEM AND METHOD FOR
PREDICTING CHROMOSOMAL
REGIONS THAT CONTROL
PHENOTYPIC TRAITS

Confirmation No.: 3878

Art Unit: 1631

Examiner: Cheyne D. Ly

Attorney Docket No: 9080-016-999
(800935-999015)

AMENDMENT UNDER 37 C.F.R. § 1.115

Mail Stop Final
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

In response to the Office Action mailed on July 20, 2005 in connection with the above-captioned patent application, please consider the following remarks. With this amendment is enclosed (i) a Petition for Extension of Time extending the period of response to December 20, 2005; (ii) Exhibit A, the October 26, 2005, *Interim Guidelines for Examination of Patent Applications for Patent Subject Matter Eligibility*; and (iii) Exhibit B, a copy of Grupe *et al.*, 2001, *Science* 292:1915-1918.

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims that begins on page 4 of this paper.

Remarks / Arguments begin on page 17 of this paper.